

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:	)		
	)		
Pawan GOYAL	)		
	)	Group Art Unit:	TBA
Serial No.: TBA	)		
	)		
Filed: November 25, 2003	)	Examiner:	TBA
	)		
For: HIGH-PERFORMANCE	)		
ASYNCHRONOUS PEER-TO-	)	Atty Dkt No.	ARC920030077US1
PEER REMOTE COPY FOR	)		
DATABASES	)		

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

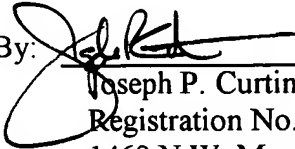
Sir:

Pursuant to 37 C.F.R. § 1.56 and in compliance with 37 C.F.R. § 1.97(b), Applicant submits herewith a Form PTO-1449 listing patents, published patent applications and publications for consideration in connection with the above-identified application. A copy of each publication is provided herewith.

Applicant respectfully requests that the Examiner consider and enter these documents into the file of the above-identified application. If any additional fee is deemed necessary, the Commissioner is authorized to charge Deposit Account No. 09-0441.

A general authorization under 37 C.F.R. § 1.25(b), second sentence, is hereby given to credit or debit Deposit Account No. 09-0441 for the instant filing and for any other fees during the pendency of this application under 37 C.F.R. §§ 1.16, 1.17 and 1.18.

Respectfully submitted,

By:   
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Dated: November 25, 2003

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	TBA
Filing Date	November 25, 2003
First Named Inventor	Pawan GOYAL
Art Unit	TBA
Examiner Name	TBA
Attorney Docket Number	ARC920030077US1

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1	US- 5,933,838	08-03-1999	Lomet	
	2	US- 5,983,361	11-09-1999	Lee et al.	
	3	US- 6,189,079 B1	02-13-2001	Micka et al.	
	4	US- 6,499,112 B1	12-24-2002	Milillo et al.	
	5	US- 6,502,205 B1	12-31-2002	Yanai et al.	
	6	US- 6,591,351 B1	07-08-2003	Urabe et al.	
	7	US- 6,601,187 B1	07-29-2003	Sicola et al.	
	8	US- 2002/0073276 A1	06-13-2002	Howard et al.	
	9	US- 2003/0051111 A1	03-13-2003	Nakano et al.	
	10	US- 2003/0074602 A1	04-17-2003	Lomet et al.	
	11	US- 2003/0093620 A1	05-13-2003	Huxoll	
	12	US- 2003/0126133 A1	07-03-2003	Dattatri et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	† <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND**

T : Commissioner for Patents, Washington, DC 20231.

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	TBA
				Filing Date	November 25, 2003
				First Named Inventor	Pawan GOYAL
				Art Unit	TBA
				Examiner Name	TBA
Sheet	2	of	2	Attorney Docket Number	ARC920030077US1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	13	IBM Technical Disclosure Bulletin, "Recovery From System Crash During File Creation Using Write Head Logging," Vol. 32, No. 3A, August 1989.	
	14	F.E. Levine, "Minimize CPU Utilization For Buffer Pool Status Update When Calculating Minimum Log Sequence Number Values On A Buffer," Research Disclosure, March 1989, No. 299	
	15	T. Niklander, et al., "Using Logs To Increase Availability In Real-Time Main-Memory Database."	

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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